

Figure 1

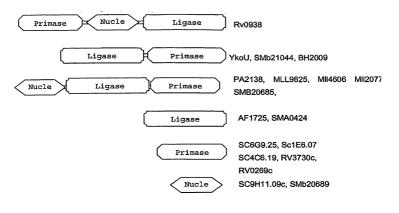


Figure 2

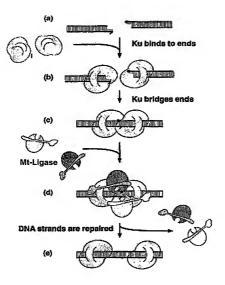
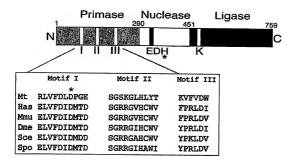


Figure 3

Mt-Ligase



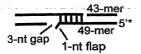
A.

В.

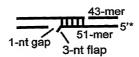
c.

Figure 5

Α



В



C

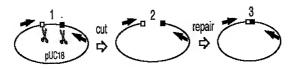


Figure 6

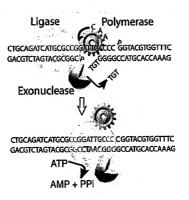


Figure 7

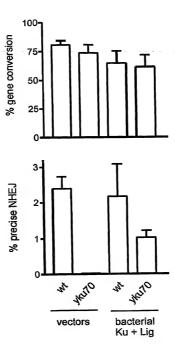


Figure 8

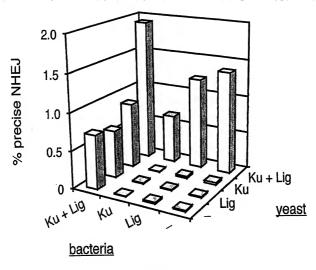


Figure 9

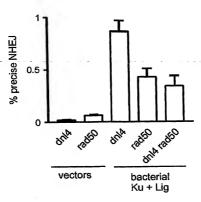


Figure 10

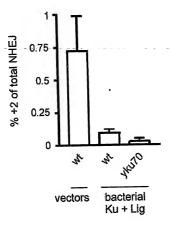


Figure 11

HO(+2) TACTGT GCG
ATG ACAACGC

HO(-1) TACTGTGCG
ATG ACGC

Figure 12

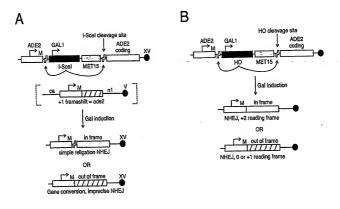


Figure 13